



Model

GS5024PS4-400W

24-Gigabit PoE Port + 4 10Gigabit SFP Port

1. Features

1. Compatible with IEEE 802.1d、IEEE 802.1w、IEEE 802.1s、IEEE 802.1p、IEEE 802.3、IEEE 802.3u、IEEE 802.3x、IEEE 802.3z、IEEE 802.3ab、IEEE 802.3ae standard;
2. L3 Management, support DHCP Server, QoS, ACL control, support SNMP V1/V2/V3, support IGMP Snooping v1/v2;
3. Support Spanning Tree Protocol STP/RSTP/MSTP (ERPS), Support loop detection and self-healing, support remote loopback monitoring and control (802.3ah OAM);
4. Support multiple VLAN divisions, mac VLAN, protocol VLAN, private VLAN;
5. Support IP address + MAC address + VLAN + port binding, support DHCP Snooping, support IP source and DAI protection;
6. Support IPV4/IPV6,RIP,OSPF
7. Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w) power supply standards
8. Support PoE management, PoE watchdog

2. Specifications

I/O Interface

Power	AC100-240V/50-60Hz
Ethernet	24*10/100/1000Mbps POE Port
	4*10G SFP Port
	1*RJ45 Console Port
	1*USB Port

Performance

Capacity	128Gbps
Packet Forwarding Rate	95.23Mpps
DDR SDRAM	128MB
Flash Memory	16MB
Packet Buffer Memory	12Mbit
MAC Address	16K
Jumbo Frame	12Kbytes
VLANs	4096
MTBF	100000 hours

Standard

Network Protocol	IEEE 802.3: Ethernet MAC Protocol
	IEEE 802.3i: 10BASE-T Ethernet
	IEEE 802.3u: 100BASE-TX Fast Ethernet
	IEEE 802.3ab: 1000BASE-T Gigabit Ethernet
	IEEE 802.3z: 1000BASE-X Gigabit Ethernet
	IEEE 802.3ae: 10G Ethernet
	IEEE 802.3az: Energy-efficient Ethernet
	IEEE 802.3ad: Standard method of performing link aggregation
	IEEE 802.3x: flow control
	IEEE 802.1ab: LLDP/LLDP-MED
	IEEE 802.1p: LAN Layer 2 Qos/Cos protocol related to traffic priority
	IEEE 802.1q: VLAN Bridge Operation
	IEEE 802.1x: Client/Server Access Control and Authentication Protocol
	IEEE 802.1d: STP
	IEEE 802.1s: MSTP
	IEEE 802.1w: RSTP

PoE Protocol	IEEE802.3af (15.4W)
	IEEE802.3at (30W)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)
Network Medium	10Base-T: Cat3, 4, 5 or above UTP/STP(≤100m) 100Base-TX: Cat5 or above UTP/STP(≤100m) 1000Base-TX: Cat5 or above UTP/STP(≤100m) Multi-mode Fiber: 50/125, 62.5/125, 100/140um Single-mode Fiber: 8/125、 8.7/125、 9/125、 10/125um

Environment

Working Environment	Working Temperature: -10~50°C
	Storage Temperature: -40~70°C
	Working Humidity : 10%~90%, non-condensing
	Storage Temperature: 5%~90%, non-condensing
	Working Height: Maximum 10,000 feet
	Storage Height: Maximum 10,000 feet

Function Indication

PWR (Power Indicator)	Lighting: Powered
	Un-Light: No Power
SYS (System Indicator)	Flashing: not start or fail
	Lighting: System Running
Link(Link Indicator)	Lighting: Link connection
	Flashing: Data transmission
	Un-Light: Link disconnect
PoE/ACT (PoE Indicator)	Lighting: PoE on
	Un-Light: PoE off
ACT(Data light)	Steady on: Link connected
	Flashing: data transmission
	No light: The link is unreachable

Physical Specification

Structure Size	Product Dimensions: 440*280*44mm
	Packing Dimensions: 503*385.5*91mm
	Product N.W: 4.03KG
	Product G.W: 5.15KG
Packing Info	Carton Dimensions: 520*380*405mm
	Packing quantity: 4 sets
	Packing weight: 21.4KG
Power Voltage	Input voltage: AC100-240V/50-60Hz
	Power supply: 52V 7.5A 12V4A
Power Consumption	Product Consumption: 33W
	PoE Budget: 390W
	Total Power Consumption: 440W
Package List	Ethernet switch 1 set, Instruction manual
	1 pcs, Certificate1 pcs, Power cord 1 pcs
	Serial cable 1 pcs, Brackets 1 pair
